

**Statement Of No New Matter**

As is further explained below, the substitute specification contains no new matter.

**Marked-Up Copy of Specification**

A marked-up copy of the substitute specification showing the matter being added to and the matter being deleted from the specification of record is submitted herewith.

**IN THE CLAIMS:**

Please amend the claims as follows:

1. (Twice Amended) A remote control device comprising:

a microprocessor including a CPU and a memory [means];

a keypad including a set of keys coupled to said microprocessor;

lamp driver circuitry coupled to said microprocessor;

means for generating IR signals coupled to said IR lamp driver circuitry;

instructions and data in binary form stored in said memory [means] for enabling command functions for controlling a plurality of devices manufactured by different manufacturers, wherein said instructions and data are to be retrieved and supplied to said means for generating IR signals;

[a Key Reassignment table in said memory means containing key identity mode data, device data format, and function data]

reassignment means for reassigning the instructions and data stored in memory associated with the command functions, wherein the reassignment means includes [; and]

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program instructions in binary form stored in said memory [means] for enabling one to assign  
[a different] one of the command [function] functions to a key on the keypad upon the inputting of  
a [predetermined] keystroke sequence on said keypad, wherein the instructions and data stored in  
memory associated with the one of the command functions is associated with the key.

13. (Amended)

A remote control device comprising:

a microprocessor including a CPU and memory means;

a keypad including a set of keys including device keys, mode keys and alpha numeric keys  
coupled to said microprocessor;

lamp driver circuitry coupled to said microprocessor;

means for generating IR signals coupled to said IR lamp driver circuitry;

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instructions and data in binary form stored in said memory means for enabling command  
functions for controlling a plurality of devices manufactured by different manufacturers to be  
retrieved and supplied to said means for generating IR signals;

a Key Reassignment table in said memory means containing key identity mode data, device  
data format, and function data; and

program instructions in binary form stored in said memory means for enabling one to assign  
a different command function to a key on the keypad upon the inputting of a predetermined  
keystroke sequence on said keypad, [The remote control device of claim 2] wherein said  
predetermined keystrokes are a combination of letter keystrokes and number keystrokes.

11. (Twice Amended)

A remote control device comprising:

a microprocessor including a CPU and memory [means];

[a keypad including a set of keys coupled to said microprocessor;]

means for generating IR signals defining IR command functions coupled to said microprocessor;

instructions and data in binary form stored in said memory [means] for enabling IR command functions for controlling a plurality of devices manufactured by different manufacturers, wherein the instructions and data are to be retrieved and supplied to said means for generating IR signals;

code data for executing IR command functions stored in said memory [means];

[a Key Reassignment table in said memory means containing key identity, device data format and function data]

reassignment means for reassigning instructions and data associated with a key to another key, wherein the reassignment means includes [; and]

program instructions in binary form stored in said memory [means] for [enabling one to assign] assigning a [different] command function to a key [on the keypad at the choice of the user of the device] selected by a user.

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12. (New)

A remote control device for controlling first and second devices responsive to IR

signals, the remote control device comprising:

means for generating IR signals;

a keypad having

first and second device keys operatively connected to select a first device mode and a second device mode, respectively, and

a plurality of predetermined function keys operatively connected to the means for generating IR signals such that operation of the predetermined function keys performs respective functions on the first device when the first device mode is selected and such that operation of the predetermined function keys performs respective functions on the second device when the second device mode is selected; and

means for reassigning the predetermined function keys across the device modes such that operation of at least one of the predetermined function keys performs the respective function on the second device when the first device mode is selected.

<sup>9</sup>  
~~13~~. (New) The remote control device of claim ~~12~~<sup>8</sup>, wherein:

CH the first device mode is selected from the group consisting of TV, VCR, AUX, STEREO and CABLE;

the second device mode is selected from the group consisting of TV, VCR, AUX, STEREO and CABLE; and

the plurality of predetermined function keys includes a a volume key and a mute key.

<sup>10</sup>  
~~14~~. (New) The remote control device of claim ~~13~~<sup>9</sup>, wherein the plurality of predetermined function keys further includes a power key and a channel key.

~~11~~<sup>9</sup> 15. (New) The remote control device of claim ~~13~~<sup>9</sup>, wherein the first device mode is the TV mode, the second device mode is the stereo mode, and the predetermined function keys reassigned to the TV from the stereo include the volume key such that operation of the volume key while in TV device mode affects the stereo.

~~12~~<sup>9</sup> 16. (New) The remote control device of claim ~~15~~<sup>9</sup>, wherein the first device mode is the cable mode, the second device mode is the TV mode, and the predetermined function keys reassigned to the TV from the cable includes the volume key such that operation of the volume key while in cable device mode affects the TV.

~~13~~<sup>9</sup> 17. (New) The remote control device of claim ~~16~~<sup>9</sup>, wherein the plurality of predetermined function keys further includes a play key and a stop key.

CH ~~14~~<sup>13</sup> 18. (New) The remote control device of claim ~~17~~<sup>13</sup>, wherein the first device mode is the TV mode, the second device mode is the VCR mode, and the predetermined function keys reassigned to the TV mode from the VCR mode include the play key and the stop key.

~~15~~<sup>13</sup> 19. (New) A remote control device for controlling first and second devices responsive to IR signals, wherein each device is adapted to perform a corresponding set of available functions and is not adapted to perform a corresponding set of unavailable functions, and wherein the remote control device comprises:

means for generating IR signals;

a keypad having

first and second device keys operatively connected to select a first device mode and a second device mode, respectively, and

a plurality of predetermined function keys operatively connected to the means for generating IR signals such that operation of predetermined function keys performs respective functions on the first device when the first device mode is selected and the first device corresponding set of available functions includes the respective function and such that operation of another of the predetermined function keys performs respective functions on the second device when the second device mode is selected and the second device corresponding set of available functions includes the respective function, wherein

CH the plurality of predetermined function keys includes a first key corresponding to a first respective function included in the second device corresponding set of unavailable functions and a second key corresponding to a second respective function included in the first and second device corresponding sets of available functions;

means for assigning an available function selected from the second device corresponding set of available functions to the first key such operation of the first key when the second device mode is selected will perform the available function on the second device; and

means for assigning the second respective function across devices such that operation of the second key when the second device mode is selected performs the second respective function on the first device.